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(71) Applicant: CANON INC

(72) Inventor: SATO SHINICHI
KURABAYASHI YUTAKA
OGASAWARA MIKIFUMI
MORIYAMA JIRO

(54) INK JET RECORDING METHOD AND DEVICE

recording with the Bk, Y and heads.

(57) Abstract:

PURPOSE: To obtain an image excellent in printing quality, water resistance and color boundary blurring by a method wherein both the recording of a treating liquid and the recording of colors, to which no treating liquid is given, precedes with the recording of colors, to which the treating liquid is given, in a recording method, which selects the giving of the treating liquid or not in response to a recording image.

CONSTITUTION: A head unit is so constituted that an S (treating liquid) chip 2201, a Bk chip 2202, a C chip 2203, a M chip 2204 and a Y chip 2205 are fixed to a frame 2206. The interval between the respective chips is 1/2 inch. The chips are arranged at equal intervals in a main scanning X direction. From each nozzle of the nozzle train of the Bk chip, about 80 pl of ink is discharged. Further, from the nozzle of the nozzle train of each one of the respective Y, M, C and S chips, about 40 pl of ink is discharged. In this case, when recording accompanied with the treating liquid is carried out, S and C heads use lower side 64 nozzles of a nozzle, while Bk, Y and M heads use upper side 64 nozzles of their nozzles, resulting in preceding the execution of the recordings with the S and C heads with that of the

recording with the Bk, Y and